

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/10802

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02M3/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 408 148 B1 (YAMAMOTO KAZUMA) 18 June 2002 (2002-06-18) the whole document	1-3, 10
A	EP 0 803 966 A (THOMSON BRANDT GMBH) 29 October 1997 (1997-10-29) the whole document	1
A	US 5 910 891 A (JO SANG-SOO) 8 June 1999 (1999-06-08) the whole document	1
A	US 5 369 564 A (CHOI SEUNG) 29 November 1994 (1994-11-29) cited in the application the whole document	1, 6

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

19 February 2004

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03/03/2004

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/10802

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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			JP	2001005350 A	12-01-2001
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			CN	1166080 A ,B	26-11-1997
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			CN	1082265 A ,B	16-02-1994